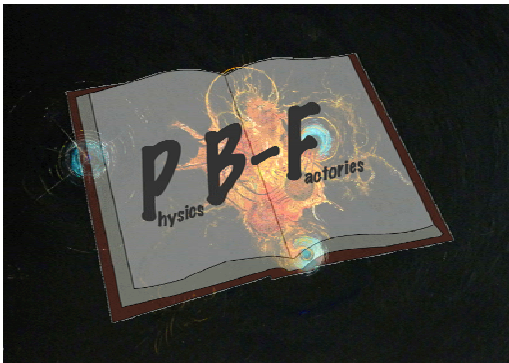


Format of the Workshop



*Soeren Prell
Iowa State University*



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*2nd Physics of the B-Factories Workshop
KEK, May 17-18, 2010*

Activities since the 1st PBF Workshop

In detail discussed in the next talks and Thomas' talk this afternoon.

Discussion on strawman plan of sectioning

- *comments taken into account (minor modifications pending)*

Style guide preparation

- *prepared*

Hypernews, SVN repository & activation of SLAC accounts

- *prepared*
- *partially*

Preparation of web page

(<http://www.slac.stanford.edu/xorg/BFLB/index.html>)

- *operational*

Asked for theoretical input

- *some theory section editors appointed*

Contacts with publishers

- *agreement finalized*

Contributors

- *in hands of section editors*

Activities since the 1st PBF Workshop (cont'd)

Timeline

before Jan 2010

*detailed plan of sections
inter-relations to be resolved*

- *part of sections*
- *partially*

after Jan 2010

start writing

- *no section draft so far*

Monday morning schedule

Monday morning: plenary general, parallel discussions (17 May 08:00-12:00)

time	title	presenter
08:00	Registration (01h00')	
09:00	Welcome (00h15')	A. SUZUKI, DIRECTOR GENERAL
09:15	Plan of the meeting (00h20')	S. PRELL
09:35	Sectioning (00h15')	B. YABSLEY
09:50	Style guide (00h15')	B. YABSLEY
10:05	Introduction to computing support (00h30')	A. BEVAN
10:35	Publishing (00h15')	B. GOLOB
10:50	Coffee break (00h20')	
11:10	Plenary discussion session (00h30')	
11:40	Parallel session group 4 (00h20')	
11:40	Parallel session group 3 (00h20')	
11:40	Parallel session group 2 (00h20')	
11:40	Parallel session group 1 (00h20')	

Monday morning / afternoon parallel sessions

*Parallel sessions meet 11:40-12:00 and 13:30-15:30
(same group combinations for the morning and afternoon sessions)*

Parallel session group 4 (20') (convener: F. Anulli)

*Results: Mixing/EPR, CPT, Charm, Quarkonia, Tau, QED/ISR, Two photon, QCD, $Y(5S)$
Tools: Dalitz analyses, Angular analyses*

Parallel session group 3 (20') (convener: T. Aushev)

*Results: CKM angles, $B \rightarrow$ charm, $B \rightarrow$ charmless, B baryonic decays, Global CKM fits
Tools: Vertexing, Time dependent, Multivariate discriminants, Maximum likelihood*

Parallel session group 2 (20') (convener: M. Nakao)

Results: CKM sides, B leptonic and $D^{()}\tau \nu$ decays, B radiative/EW peng. decays,
Rare, exotic and forbidden decays, Interpretation in terms of benchmark NP models
Tools: Blind analyses, (Recoil) B reconstruction*

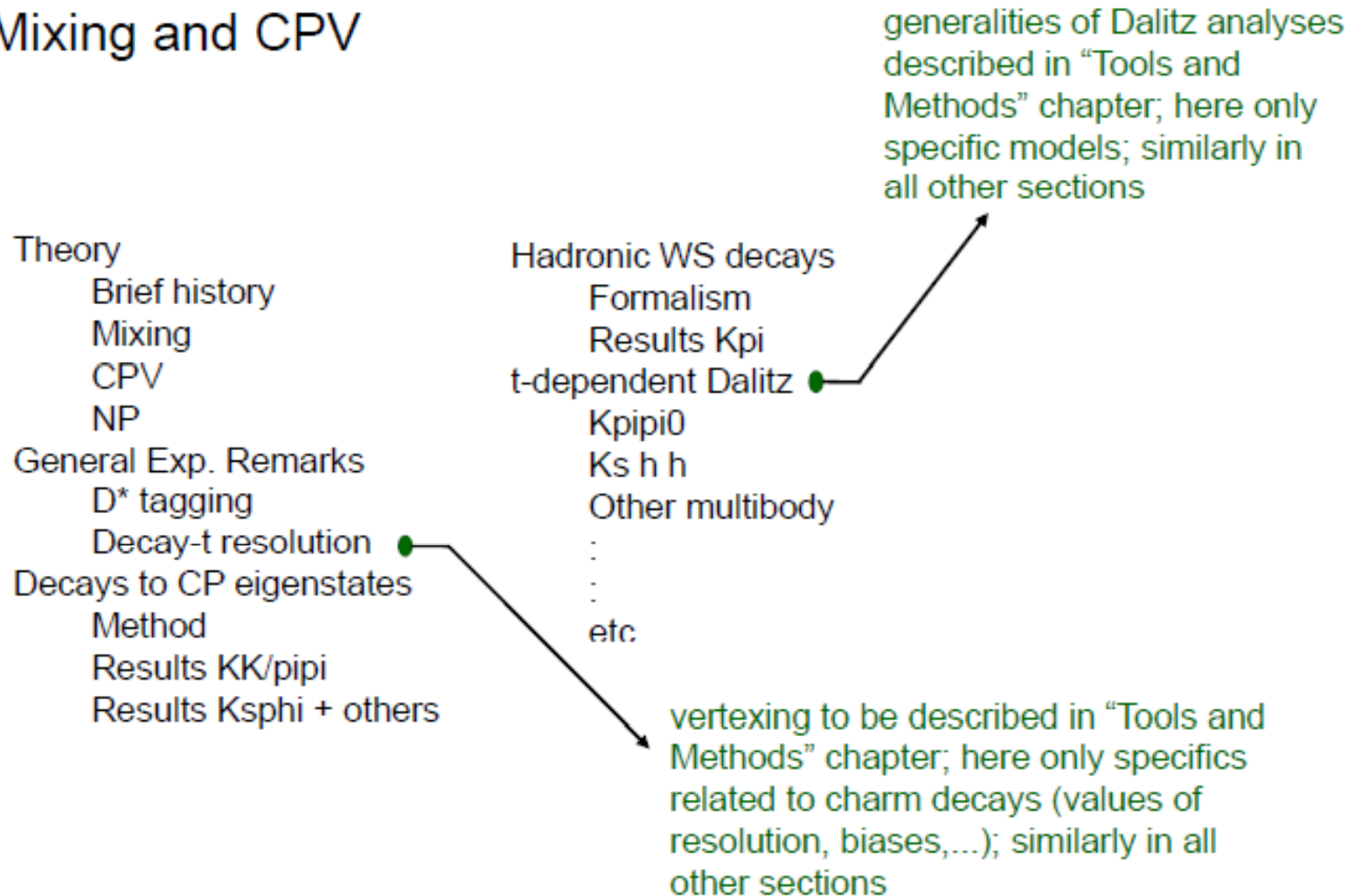
Each group has a designated convener, to (help to) organize the discussion and to give a short report

Discussion sessions

- *General goals*
 - *compose and discuss detailed plan of content of each section (in collaboration with potentially related sections)*
 - *determine which motivation, methods, results and interpretations will be included*
 - *identify missing important measurements*
 - *determine the approximate page count for sections*
 - *identify the needs for contributors*
 - *identify the needs for theory input*
- *Plenary discussion session*
 - *matters common to all sections*
- *Parallel discussion session*
 - *more section specific issues*

Example topics for plenary discussion

D Mixing and CPV



(thanks to Bostjan for the example)

Example topic for parallel discussion

D Mixing and CPV

.....
t-dependent Dalitz
Kpipi0
Ks h h ●
Other multi-body
.....
etc.

Gamma

Overview
B+ to D(*)K(*)+
GLW
ADS
Dalitz ●
B0 to D0K*0
sin(2 beta + gamma)
Model independent
Summary

Dalitz model for $D \rightarrow Kshh$
needs to be described only
once (if same used)

(thanks to Bostjan for the example)

Monday afternoon schedule

15:30	Coffee break (00h15')	
15:45	Theory section editors (00h20')	T. MANNEL
16:05	Experience from the CKM book (00h20')	R. FACCINI
16:25	Short report group 1 (00h15')	
16:40	Short report group 2 (00h15')	
16:55	Short report group 3 (00h15')	
17:10	Short report group 4 (00h15')	
17:30	Party (02h30')	

- *Short reports from parallel sessions (10+5 min) :*
 - *have detailed section outlines been prepared ?*
 - *specific problems?*
 - *status of contributors?*
 - *theory input, any special needs?*
 - *approximate page count?*
- *Two plenary talks*
 - *Status of theory section editors*
 - *Experience from the CKM book*

Tuesday morning/afternoon long reports

- Detailed reports for selected sections
 - mainly selected based on attendance...

09:00	<i>Multivariate discriminants (30')</i>	<i>J. Ocariz</i>
09:30	<i>Dalitz analyses (30')</i>	<i>A. Poluektov</i>
10:30	<i>V_{td} and V_{ts} (30')</i>	<i>K. Flood</i>
11:00	<i>Charmless B decays (30')</i>	<i>F. Wilson</i>
11:30	<i>Leptonic B decays and $B \rightarrow D(^*) \tau \nu$ (30')</i>	<i>S. Robertson</i>
14:00	<i>Exotic charmonium like states (30')</i>	<i>R. Faccini</i>
14:30	<i>Conventional charmonium (30')</i>	<i>P. Pakhlov</i>
15:00	<i>D mixing and CPV (30')</i>	<i>B. Meadows</i>
15:30	<i>Global CKM fits (30')</i>	<i>G. Eigen</i>

- We'll continue to hear detailed reports at the next meetings

Goals of the long section reports

- *Present in detail the content of the sections*
 - *planned or actual, once the first parts of manuscript are prepared*
- *Make contributors aware of the content of other sections*
 - *this will help in making the whole book more coherent*
- *Discuss which parts of the motivation and interpretation may need more detailed input from theory colleagues*
- *Discussion on the level of expertise assumed by the text*

Format of long section reports

- *Motivation*
 - *what topics need to be emphasized?*
 - *where is help from theorist needed/appreciated?*
 - *what is the expected expertise level of the text?*
 - *Perhaps give a specific example*
- *Methods, analyses and results*
 - *in what form would results be presented?*
 - *what details of experimental method would be described in the section and what - if any - in the "Methods and tools" chapter?*
 - *perhaps comments on results that are not available but might be interesting to shed light on the subject of the section?*

Format of long section reports (cont'd)

- *Interpretation/conclusions*
 - *same items as for the motivation*
 - *if applicable, identify the overlap with the "Global interpretation" section*
- *(Not so) rough estimate of the number of pages*
- *Presentation can be more or less a physics presentation, clearly not a complete one but rather with some specific examples (and trying to make a list of topics to be covered beside this specific example).*

Ceremonial coin toss and workshop summary

- *Tuesday afternoon*
 - 16:20 Ceremonial Coin Toss
 - 16:50 Summary
 - Action items from workshop
 - Close out

